

## SYSTEM AND METHOD FOR SEGMENTING A MULTIDIMENSIONAL DIGITAL FRAME STRUCTURE

### ABSTRACT OF THE INVENTION

5           A system and method have been provided to segment  
communications between relay nodes in a network using digitally  
wrapped, or frame structure communications. The overhead bytes in the  
frame are given special functions, to enable processes such as  
synchronization or an auxiliary communications channel. Overhead byte  
10 quantities, locations, values, or combinations of the above are used to  
signal the processes. Nodes in the network can be selectively programmed  
to recognize the overhead byte signals that trigger the processes.

15